

# Cyber Physical System Industry Research Report 2024

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## Abstracts

Cyber Physical System is a mechanism controlled or monitored by computer-based algorithms, tightly integrated with internet and its users. In cyber physical systems, physical and software components are deeply intertwined, each operating on different spatial and temporal scales, exhibiting multiple and distinct behavioral modalities, and interacting with each other in a myriad of ways that change with context. Examples of CPS include smart grid, autonomous automobile systems, medical monitoring, process control systems, robotics systems, and automatic pilot avionics.

According to APO Research, The global Cyber Physical System market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Cyber Physical System main players are MathWorks, Intel, Siemens , Tcs, etc. Global top four manufacturers hold a share over 35%. North America is the largest market, with a share nearly 40%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Cyber Physical System, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Cyber Physical System.

The Cyber Physical System market size, estimations, and forecasts are provided in terms of revenue (\$ millions), considering 2023 as the base year, with history and

forecast data for the period from 2019 to 2030. This report segments the global Cyber Physical System market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Siemens

Intel

ITIH

EIT Digital

Tcs

MathWorks

Galois

SEI

Astri

NIST

## Cyber Physical System segment by Type

EP-CPS

IT-CPS

## Cyber Physical System Segment by Application

Industrial Automatic

Health/Medical Equipment

Aerospace

Others

## Cyber Physical System Segment by Region

North America

United States

Canada

Europe

Germany

France

UK

Italy

Russia

Nordic Countries

Rest of Europe

Asia-Pacific

China

Japan

South Korea

Southeast Asia

India

Australia

Rest of Asia

Latin America

Mexico

Brazil

Rest of Latin America

Middle East & Africa

Turkey

Saudi Arabia

UAE

Rest of MEA

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Cyber Physical System market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Cyber Physical System and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Cyber Physical System.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4: Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5: Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6: Detailed analysis of Cyber Physical System companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, Latin America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13: The main points and conclusions of the report.

Chapter 13: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Cyber Physical System by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030)
  - 2.2.2 EP-CPS
  - 2.2.3 IT-CPS
- 2.3 Cyber Physical System by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030)
  - 2.3.2 Industrial Automatic
  - 2.3.3 Health/Medical Equipment
  - 2.3.4 Aerospace
  - 2.3.5 Others
- 2.4 Assumptions and Limitations

### 3 CYBER PHYSICAL SYSTEM BREAKDOWN DATA BY TYPE

- 3.1 Global Cyber Physical System Historic Market Size by Type (2019-2024)
- 3.2 Global Cyber Physical System Forecasted Market Size by Type (2025-2030)

### 4 CYBER PHYSICAL SYSTEM BREAKDOWN DATA BY APPLICATION

- 4.1 Global Cyber Physical System Historic Market Size by Application (2019-2024)
- 4.2 Global Cyber Physical System Forecasted Market Size by Application (2019-2024)

### 5 GLOBAL GROWTH TRENDS

- 5.1 Global Cyber Physical System Market Perspective (2019-2030)
- 5.2 Global Cyber Physical System Growth Trends by Region
  - 5.2.1 Global Cyber Physical System Market Size by Region: 2019 VS 2023 VS 2030
  - 5.2.2 Cyber Physical System Historic Market Size by Region (2019-2024)
  - 5.2.3 Cyber Physical System Forecasted Market Size by Region (2025-2030)
- 5.3 Cyber Physical System Market Dynamics
  - 5.3.1 Cyber Physical System Industry Trends
  - 5.3.2 Cyber Physical System Market Drivers
  - 5.3.3 Cyber Physical System Market Challenges
  - 5.3.4 Cyber Physical System Market Restraints

## **6 MARKET COMPETITIVE LANDSCAPE BY PLAYERS**

- 6.1 Global Top Cyber Physical System Players by Revenue
  - 6.1.1 Global Top Cyber Physical System Players by Revenue (2019-2024)
  - 6.1.2 Global Cyber Physical System Revenue Market Share by Players (2019-2024)
- 6.2 Global Cyber Physical System Industry Players Ranking, 2022 VS 2023 VS 2024
- 6.3 Global Key Players of Cyber Physical System Head office and Area Served
- 6.4 Global Cyber Physical System Players, Product Type & Application
- 6.5 Global Cyber Physical System Players, Date of Enter into This Industry
- 6.6 Global Cyber Physical System Market CR5 and HHI
- 6.7 Global Players Mergers & Acquisition

## **7 NORTH AMERICA**

- 7.1 North America Cyber Physical System Market Size (2019-2030)
- 7.2 North America Cyber Physical System Market Growth Rate by Country: 2019 VS 2023 VS 2030
- 7.3 North America Cyber Physical System Market Size by Country (2019-2024)
- 7.4 North America Cyber Physical System Market Size by Country (2025-2030)
- 7.5 United States
- 7.6 Canada

## **8 EUROPE**

- 8.1 Europe Cyber Physical System Market Size (2019-2030)
- 8.2 Europe Cyber Physical System Market Growth Rate by Country: 2019 VS 2023 VS 2030
- 8.3 Europe Cyber Physical System Market Size by Country (2019-2024)



## 8.4 Europe Cyber Physical System Market Size by Country (2025-2030)

### 8.5 Germany

### 8.6 France

### 8.7 U.K.

### 8.8 Italy

### 8.9 Russia

### 8.10 Nordic Countries

## 9 ASIA-PACIFIC

### 9.1 Asia-Pacific Cyber Physical System Market Size (2019-2030)

### 9.2 Asia-Pacific Cyber Physical System Market Growth Rate by Country: 2019 VS 2023 VS 2030

### 9.3 Asia-Pacific Cyber Physical System Market Size by Country (2019-2024)

### 9.4 Asia-Pacific Cyber Physical System Market Size by Country (2025-2030)

### 9.5 China

### 9.6 Japan

### 9.7 South Korea

### 9.8 Southeast Asia

### 9.9 India

### 9.10 Australia

## 10 LATIN AMERICA

### 10.1 Latin America Cyber Physical System Market Size (2019-2030)

### 10.2 Latin America Cyber Physical System Market Growth Rate by Country: 2019 VS 2023 VS 2030

### 10.3 Latin America Cyber Physical System Market Size by Country (2019-2024)

### 10.4 Latin America Cyber Physical System Market Size by Country (2025-2030)

### 10.5 Mexico

### 10.6 Brazil

## 11 MIDDLE EAST & AFRICA

### 11.1 Middle East & Africa Cyber Physical System Market Size (2019-2030)

### 11.2 Middle East & Africa Cyber Physical System Market Growth Rate by Country: 2019 VS 2023 VS 2030

### 11.3 Middle East & Africa Cyber Physical System Market Size by Country (2019-2024)

### 11.4 Middle East & Africa Cyber Physical System Market Size by Country (2025-2030)

11.5 Turkey

11.6 Saudi Arabia

11.7 UAE

## **12 PLAYERS PROFILED**

12.1 Siemens

12.1.1 Siemens Company Information

12.1.2 Siemens Business Overview

12.1.3 Siemens Revenue in Cyber Physical System Business (2019-2024)

12.1.4 Siemens Cyber Physical System Product Portfolio

12.1.5 Siemens Recent Developments

12.2 Intel

12.2.1 Intel Company Information

12.2.2 Intel Business Overview

12.2.3 Intel Revenue in Cyber Physical System Business (2019-2024)

12.2.4 Intel Cyber Physical System Product Portfolio

12.2.5 Intel Recent Developments

12.3 ITIH

12.3.1 ITIH Company Information

12.3.2 ITIH Business Overview

12.3.3 ITIH Revenue in Cyber Physical System Business (2019-2024)

12.3.4 ITIH Cyber Physical System Product Portfolio

12.3.5 ITIH Recent Developments

12.4 EIT Digital

12.4.1 EIT Digital Company Information

12.4.2 EIT Digital Business Overview

12.4.3 EIT Digital Revenue in Cyber Physical System Business (2019-2024)

12.4.4 EIT Digital Cyber Physical System Product Portfolio

12.4.5 EIT Digital Recent Developments

12.5 Tcs

12.5.1 Tcs Company Information

12.5.2 Tcs Business Overview

12.5.3 Tcs Revenue in Cyber Physical System Business (2019-2024)

12.5.4 Tcs Cyber Physical System Product Portfolio

12.5.5 Tcs Recent Developments

12.6 MathWorks

12.6.1 MathWorks Company Information

12.6.2 MathWorks Business Overview

12.6.3 MathWorks Revenue in Cyber Physical System Business (2019-2024)

12.6.4 MathWorks Cyber Physical System Product Portfolio

12.6.5 MathWorks Recent Developments

## 12.7 Galois

12.7.1 Galois Company Information

12.7.2 Galois Business Overview

12.7.3 Galois Revenue in Cyber Physical System Business (2019-2024)

12.7.4 Galois Cyber Physical System Product Portfolio

12.7.5 Galois Recent Developments

## 12.8 SEI

12.8.1 SEI Company Information

12.8.2 SEI Business Overview

12.8.3 SEI Revenue in Cyber Physical System Business (2019-2024)

12.8.4 SEI Cyber Physical System Product Portfolio

12.8.5 SEI Recent Developments

## 12.9 Astri

12.9.1 Astri Company Information

12.9.2 Astri Business Overview

12.9.3 Astri Revenue in Cyber Physical System Business (2019-2024)

12.9.4 Astri Cyber Physical System Product Portfolio

12.9.5 Astri Recent Developments

## 12.10 NIST

12.10.1 NIST Company Information

12.10.2 NIST Business Overview

12.10.3 NIST Revenue in Cyber Physical System Business (2019-2024)

12.10.4 NIST Cyber Physical System Product Portfolio

12.10.5 NIST Recent Developments

## **13 REPORT CONCLUSION**

## **14 DISCLAIMER**

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